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(12) # EUROPEAN PATENT APPLICATION

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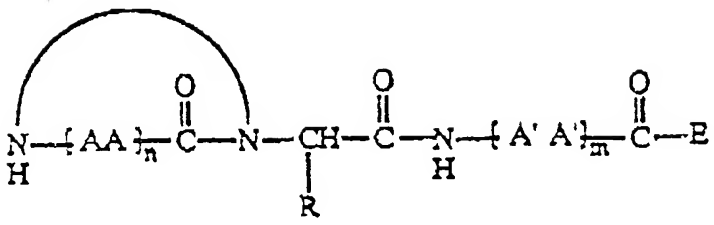
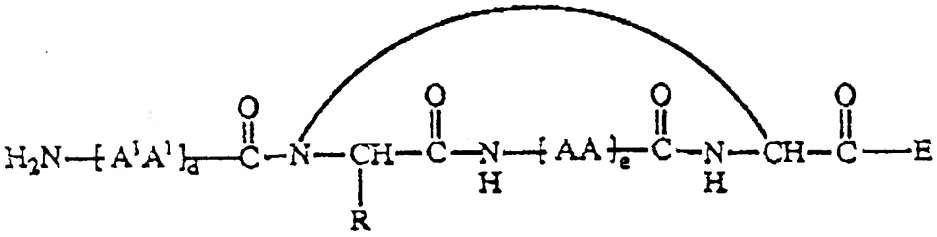
(54) **Backbone cyclic peptides, processes for their preparation and pharmaceutical compositions containing them.**

(57) The present invention is concerned with biologically active, backbone-cyclized peptides,especially substance P analogs to processes for their preparation and to pharmaceutical compositions containing them.
More particularly, the peptides of the invention are of general formulae (I) and (II):

EP 0 564 739 A3



(I)



(II)

wherein the substituents and circled line are defined in the Specification.

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Application Number
EP 92 30 9016

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
O,X	CHEMICAL ABSTRACTS, vol. 114, no. 11, 18 March 1991, Columbus, Ohio, US; abstract no. 102801b, BYK.G. ET AL. 'A new route to prepare conformationally restricted cyclic peptides as demonstrated by a potent NK-1 selective substance P analog' page 826 ; * abstract * & PEPT.: CHEM.,STRUCT.BIOL.,PROC.AM.PEPT.SYMP.,11TH.,, 1990 pages 984 - 985 BYK G. ET AL. ---	1,2, 33-36	C07K7/22 C07K7/56 A61K37/24
O,P, X	CHEMICAL ABSTRACTS, vol. 115, no. 19, 11 November 1991, Columbus, Ohio, US; abstract no. 208555k, GILON, CHAIM ET AL. 'Backbone-to-end cyclic tachykinins: a new approach to conformationally restricted peptides' page 1083 ;column LH ; * abstract * & PEPT.1990, PROC.EUR.PEPT.SYMP.,21ST, 1991 pages 404 - 406 ---	1-3, 33-36	TECHNICAL FIELDS SEARCHED (Int.Cl.5) C07K
E	CHEMICAL ABSTRACTS, vol. 117, no. 21, 23 November 1992, Columbus, Ohio, US; abstract no. 205809b, GILON C. ET AL. 'SAR studies of cycloseptide: Effects of cyclization and charge at position 6' page 170 ;column LH ; * abstract * & PEPT.: CHEM.BIOL.,PROC.AM.PEPT.SYMP.,12TH, 1992 pages 476 - 477 *meeting date June 1990* --- -/--	1-3, 33-36	

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
MUNICH	20 February 1995	Deffner, C-A

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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DOCUMENTS CONSIDERED TO BE RELEVANT

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D,X	BIOPOLYMERS, vol.31, no.6, May 1991 pages 745 - 750 GILON C. ET AL. 'Backbone Cyclization: A New Method for Conferring Conformational Constraint on Peptides' * figures 4,8 * -----	1-3, 33-36	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)

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